Attorney Docket No.: 940630-010018

## I.   **LIST OF CLAIMS**

1. (Currently Amended) <u>In a computer-assisted information analysis system employing data operators including search terms and filters, a</u> [A computer assisted] method for analyzing information from a data source, comprising:

selecting one or more data sources<u>, wherein said data sources contain at least one of the group consisting of a text file, audio file, video file, graphic file, and picture file</u>;

selecting a plurality of <u>said data</u> operators for analyzing information;

linking said plurality of <u>said data</u> operators together in a network;

creating a visual representation of said network;

detecting whether said data source is a data stream or a database;

evaluating said operators against at <u>least said</u> database when said data source includes one or more databases and evaluating a data unit against said <u>data</u> operators when said data source includes one or more data streams; and

creating a plurality of output indicators corresponding to each of said operators on said visual representation of said network, wherein said output indicators visually represent a quantified output of said corresponding <u>data</u> operators.

2.   (Canceled)

3.   (Previously Presented)     A method as in claim 1, further comprising:

compiling said network by combining one or more <u>said data</u> operators into a single composite operator when said data source includes one or more data streams; and

compiling said network by assigning a document identifier to one or more <u>said data</u> operators, combining said <u>data</u> operators having a document identifier into an operator database and inverting that operator database when said data source includes one or more databases.

4.    (Original)    A method as in claim 3, wherein:

each said data operator receives a listing of data context identifiers having one or more corresponding document features.

5.    (Original)    A method as in claim 4, wherein:

said document features are chosen from a group consisting of terms, extracted entities, term relations, term counts, term distribution, discourse markers, feature distribution, reference data deriving from said data source.

6.    (Canceled)

7.    (Original)    A method as in claim 6, wherein:

data from said data source is transmitted over a network to a computer which evaluates said data.

8.    (Original)    A method as in claim 7, wherein said network comprises the Internet.

9. (Currently Amended) <u>In a computer-assisted information analysis system employing data operators including search terms and filters, a</u> [A computer assisted] method for analyzing information from a data source, comprising:

selecting one or more data sources<u>, wherein said data sources contain at least one of the group consisting of a text file, audio file, video file, graphic file, and picture file</u>;

selecting a plurality of <u>said data</u> operators for analyzing information;

linking said <u>data</u> operators together in a network;

creating a visual representation of said network;

linking said network to said data source in said visual representation;

compiling said network and evaluating said data source using said network when said network is visually linked to said data source; and

creating a plurality of output indicators corresponding to each of said operators on said visual representation of said network, wherein said output indicators visually represent a quantified output of said corresponding <u>data</u> operators.

10. (Original) A method as in claim 9, further comprising:

compiling said network by combining one or more <u>said data</u> operators into a single composite operator when said data source includes one or more data streams; and

compiling said network by assigning a document identifier to one or more <u>said data</u> operators, combining said <u>data</u> operators having a document identifier into an operator database and inverting that operator database when said data source includes one or more databases.

11. (Original) A method as in claim 10, wherein:

each <u>said data</u> operator receives a listing of data context identifiers having one or more corresponding document features.

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12. (Original) A method as in claim 11, wherein:

said document features are chosen from a group consisting of terms, extracted entities,

term relations, term counts, term distribution, discourse markers, feature distribution, reference

data deriving from said data source.

13. (Canceled)

14. (Original) A method as in claim 13, wherein: 12

data from said data source is transmitted over a network to a computer which evaluates

said data.

15. (Original) A method as in claim 14, wherein said network comprises the Internet.

16. (Previously Presented) A method as in claim 9, wherein said output indicators

further represent a quantified input of said corresponding data operators.

17. (Previously Presented) A method as in claim 16, wherein said output indicators

display the number of input documents and the number of output documents for said data

operators.

18. (Original) A method as in claim 17 wherein said display comprises a pie chart.

19. (Original) A method as in claim 17 wherein said display comprises a bar chart.

20. (Original) A method as in claim 17 wherein said display comprises a term map.

21. (Previously Presented) A method as in claim 9, wherein each of said output

indicators represent a response function initiated by said corresponding data operator.

22. (Previously Presented)    In a computer-assisted information analysis system employing data operators including search terms and filters, a [A] method for automatically responding to information received from a data stream, comprising:

selecting a plurality of said data operators for detecting whether information satisfies a desired constraint;

linking said data operators together in a network;

creating a visual representation of said network;

linking said data stream to said network in said visual representation;

evaluating said received information against said network;

automatically generating a programmed response when a constraint from at least one network operator is satisfied; and

creating an output indicator corresponding to each of said data operators, said indicator representing a response function initiated by one of said operators, wherein said output indicators visually represent a quantified output of said corresponding data operators.

23.    (Canceled)

24.    (Canceled)

25.    (Original)    A method, as in claim 22, wherein said programmed response comprises generating a text message.

26.    (Original)    A method, as in claim 22, further comprising:

creating an output indicator, said indicator representing a response function initiated by one of said data operators.

27.    (Original)    A method, as in claim 26, wherein said output indicator represents an email message.

28.    (Original)    A method, as in claim 26, wherein said output indicator represents a telephone voice message.

29.    (Original)    A method, as in claim 26, wherein said output indicator represents a text message.

30.    (Original)    A method, as in claim 26, further comprising:

transmitting said output indicator over a computer network.

31.    (Original)    A method, as in claim 27, further comprising:

transmitting said output indicator over a computer network.

32.    (Original)    A method, as in claim 28, further comprising:

transmitting said output indicator over a computer network.

33.    (Original)    A method, as in claim 29, further comprising:

transmitting said output indicator over a computer network.